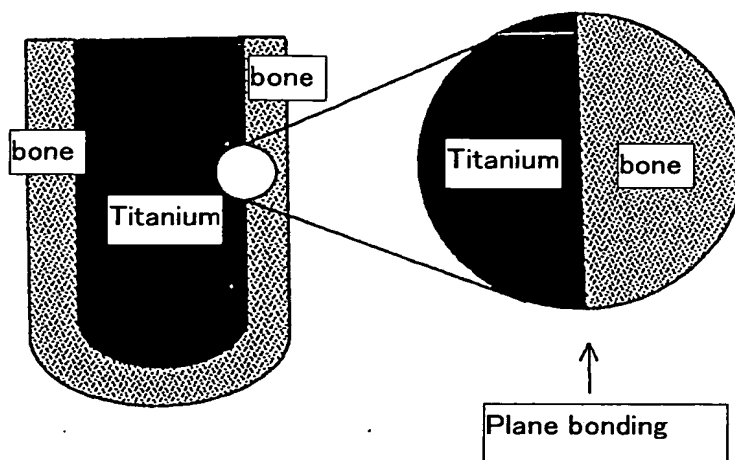


Fig.1

(A) Two dimensional bonding of titanium and bone prepared by conventional method



(B) Bonding of the titanium and bone using titanium non-woven cloth

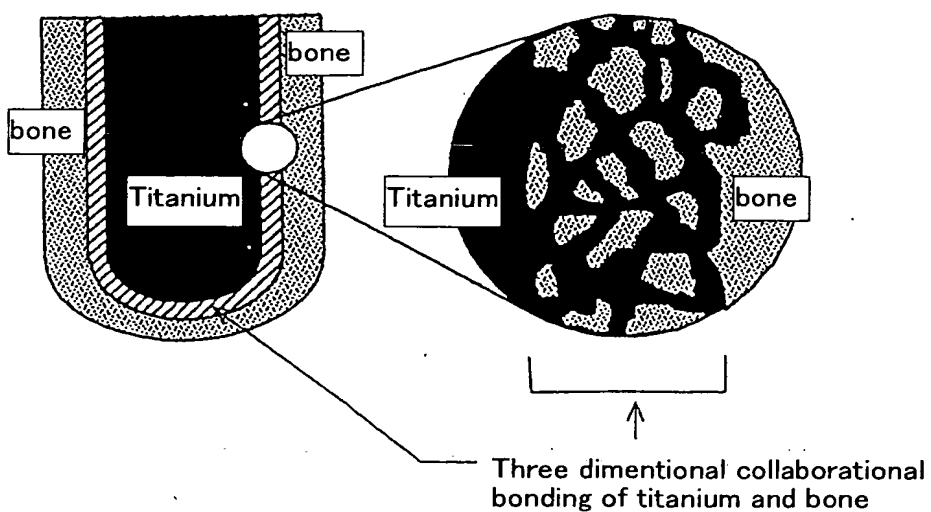
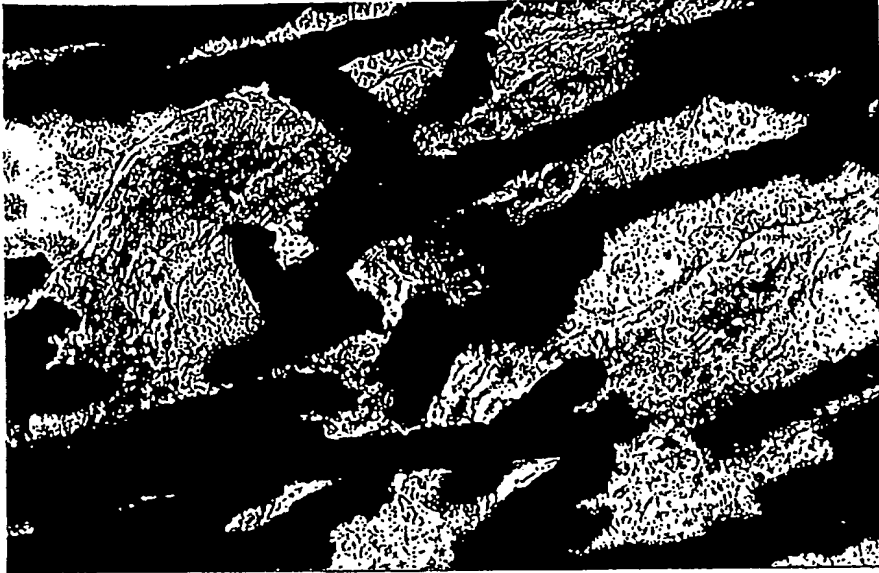


Fig.2

(A)



(B)

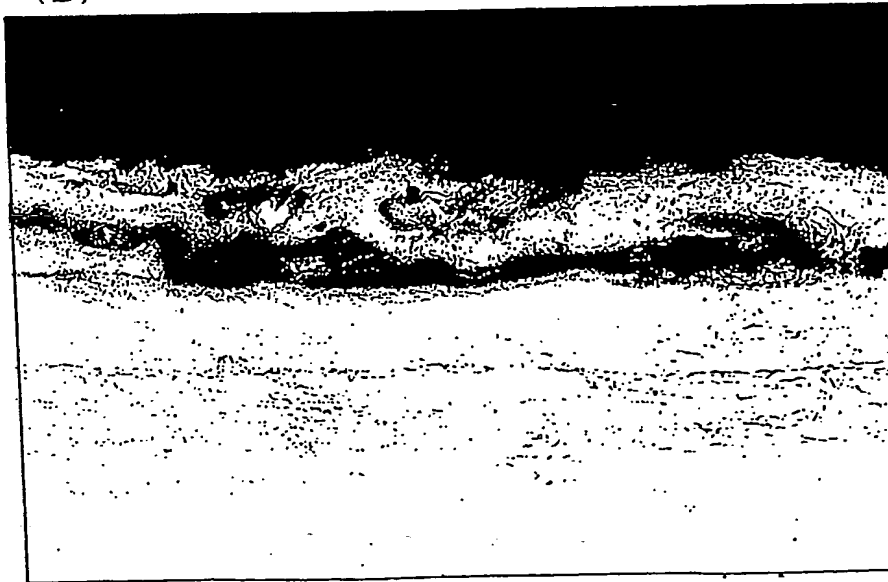


Fig.3

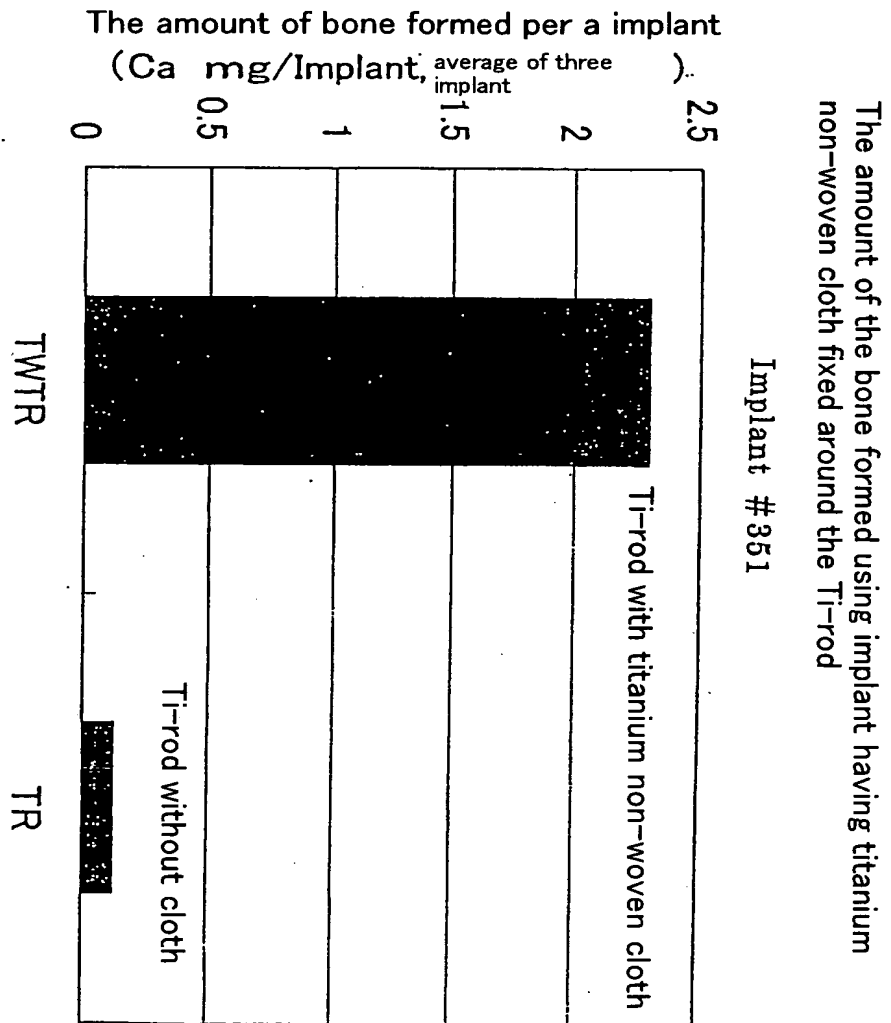
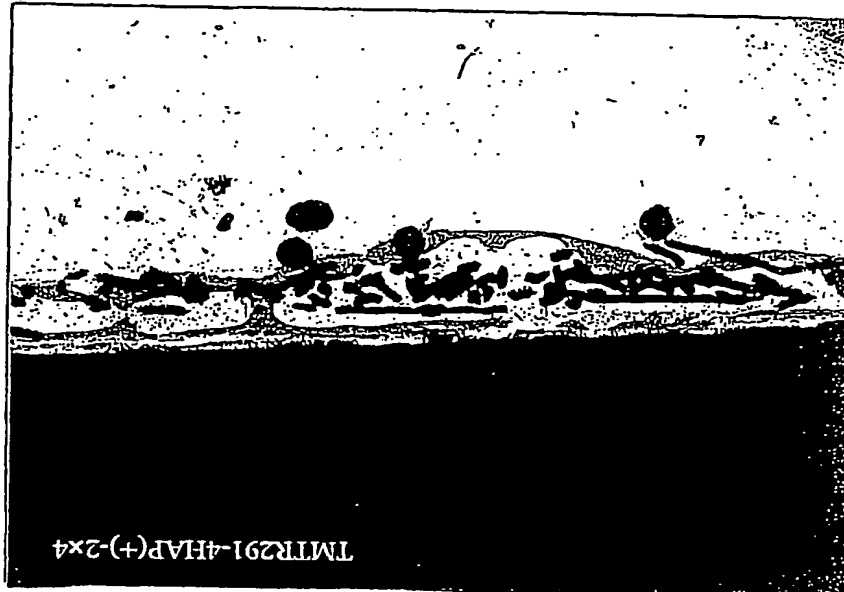


Fig.4

(A)

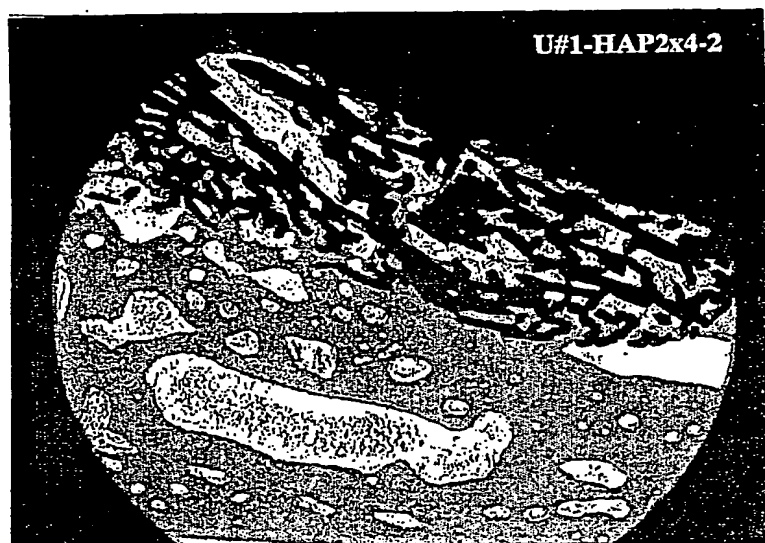


(B)



Fig.5

(A)



(B)

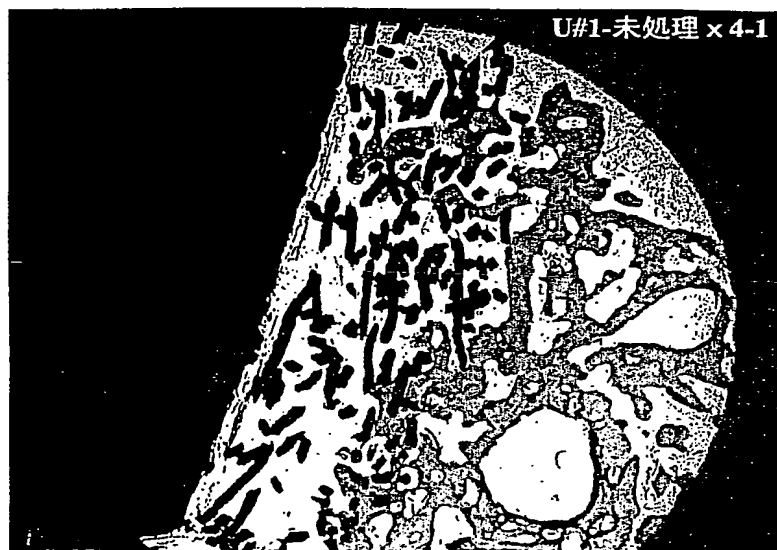
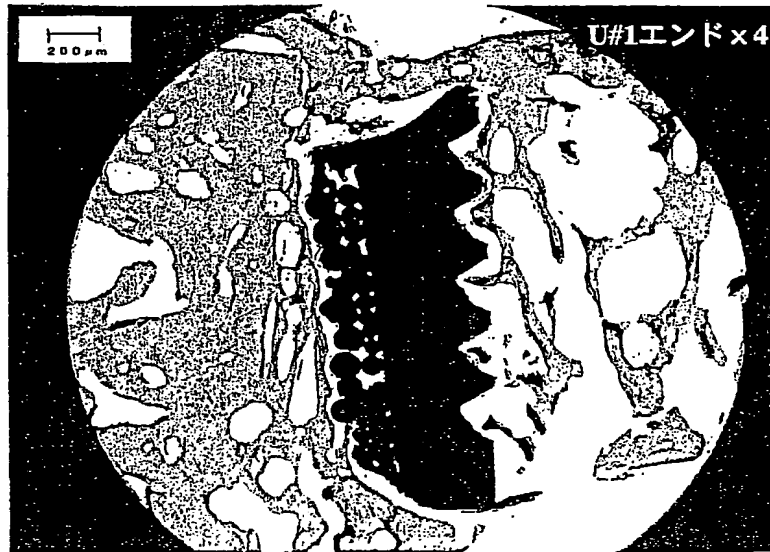


Fig.6

(A) Bone formation using titanium implant with beads



(B) Natural healing bone formation

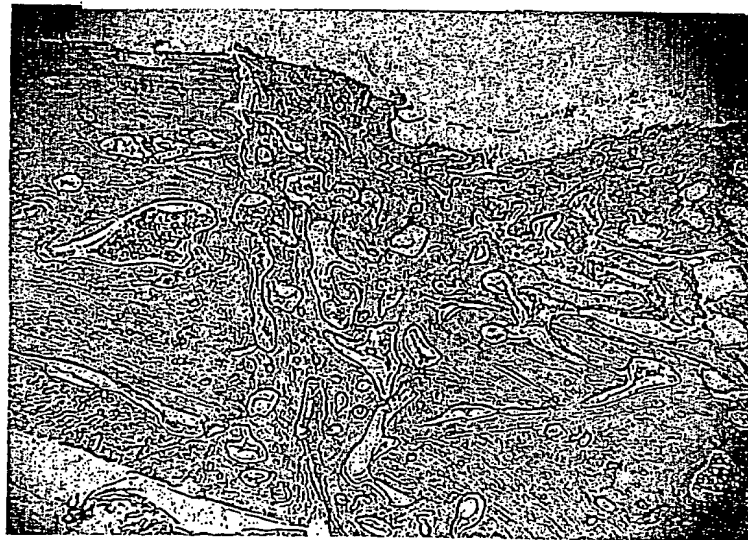
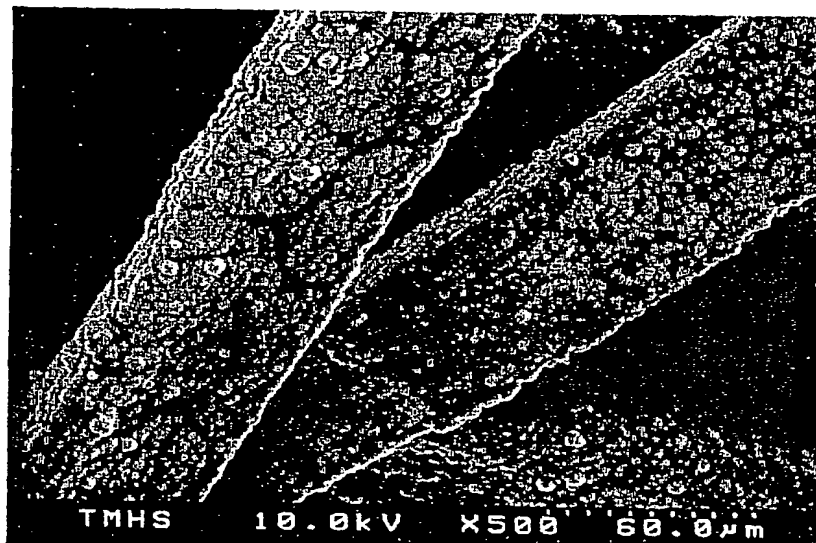


Fig.7

(A)



(B)

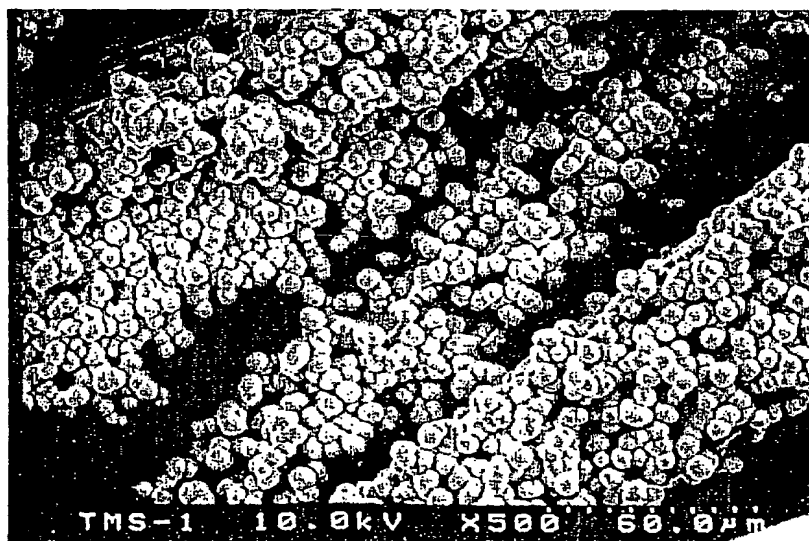
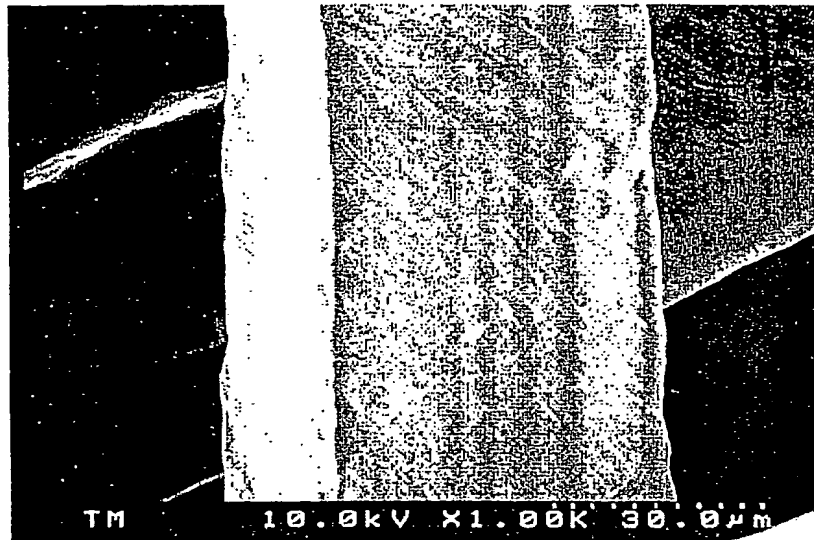


Fig.8

(A)

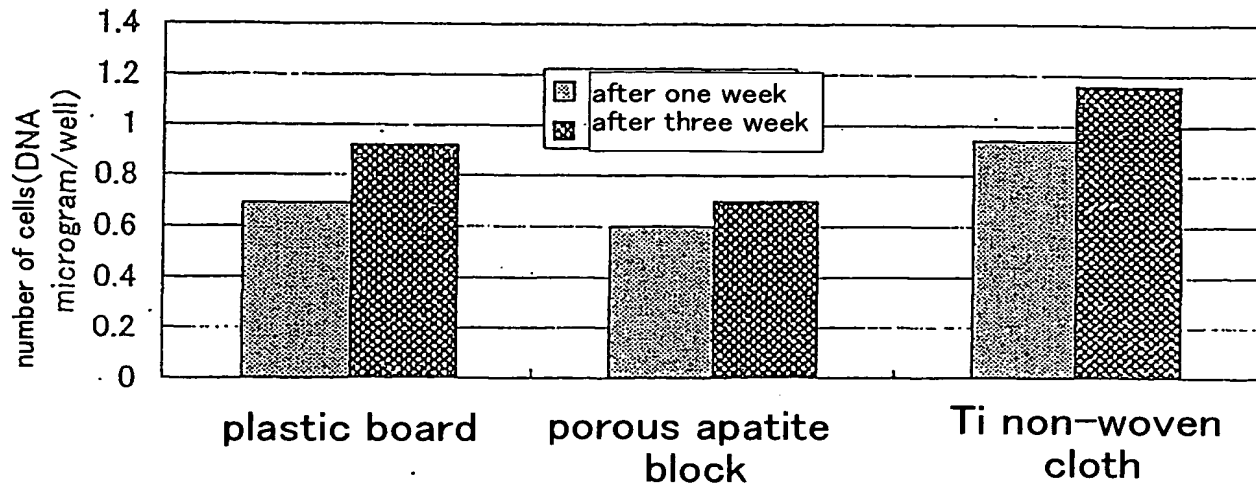


(B)



Fig.9

A Titanium non-woven cloth has higher proliferation ability than the conventional material



B Titanium non-woven cloth has stronger cytodifferentiation ability than the conventional material
(The amount of alkaliphosphatase per DNA after 4 weeks)

